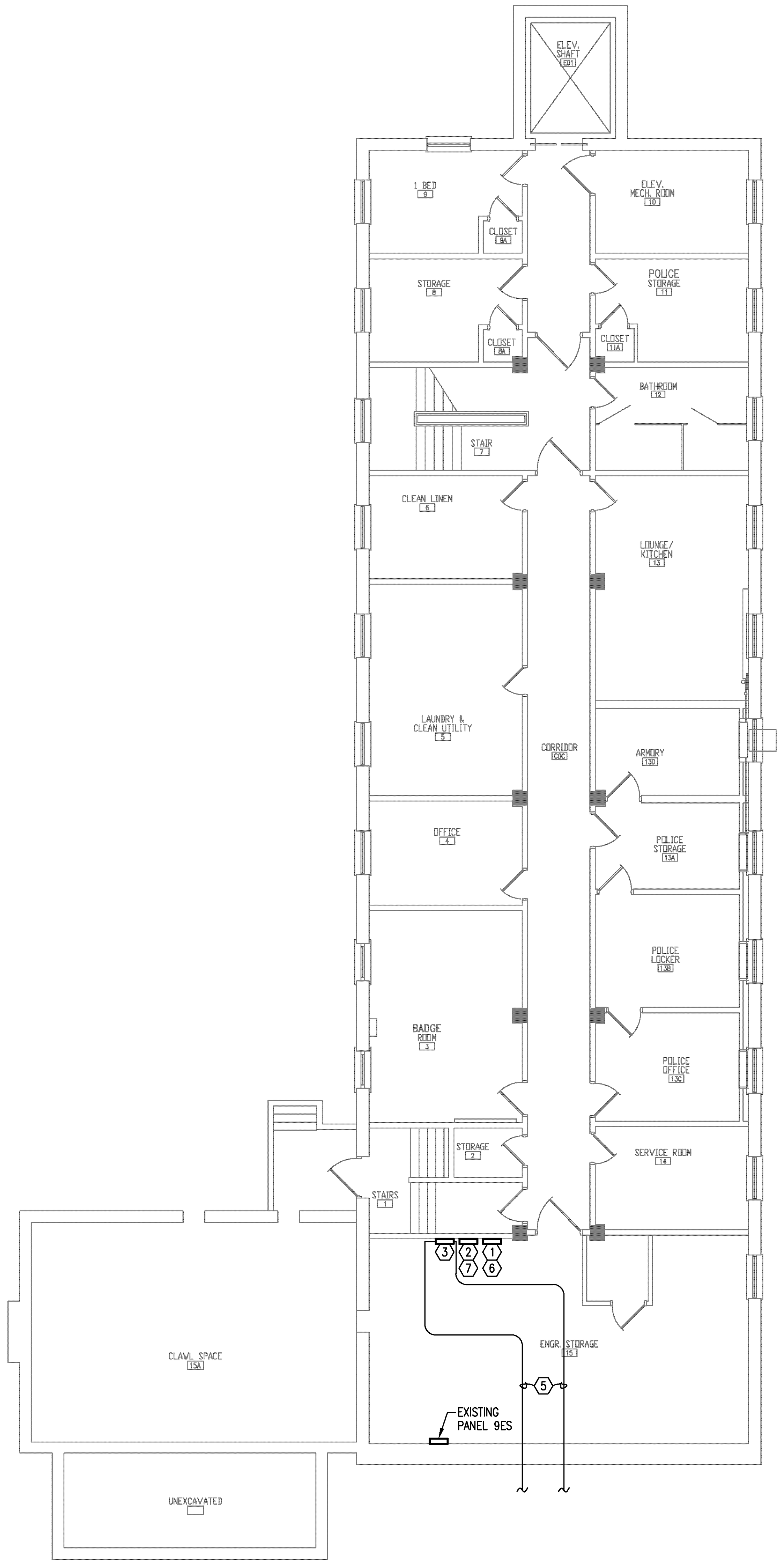
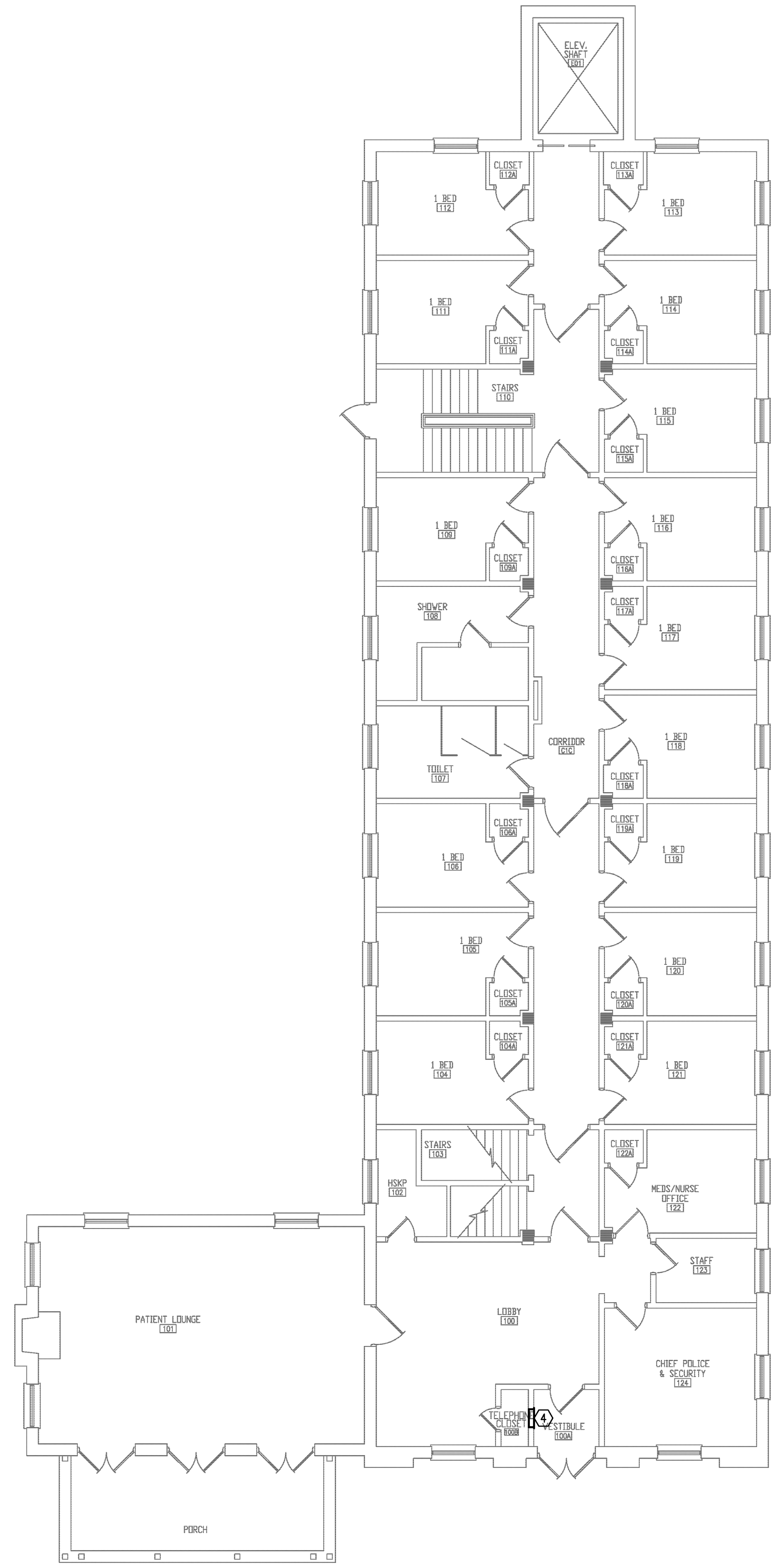


BASEMENT

1 BUILDING 9 FIRE ALARM PLAN - BASEMENT

FA100-9 SCALE = 1/8"=1'-0"



1ST FLOOR

2 BUILDING 9 FIRE ALARM PLAN - FIRST FLOOR

FA100-9 SCALE = 1/8"=1'-0"

GENERAL NOTES

A. ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR. NO LB'S OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENCILED "ENGINEERING FIBER OPTIC".

B. PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM, MATCH ADJACENT SURFACES.

C. THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS, REMOTE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT.

D. NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE COMMUNICATION.

E. THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRC3 MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.

F. EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.

G. THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE REMOVED.

H. SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.

I. SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.

PLAN NOTES

1. DEMOLISH EXISTING FIRE ALARM CONTROL PANEL AND POWER SUPPLIES.
2. PROVIDE NEW NETWORK FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. PROVIDE NEW FIBER OPTIC TERMINATION CABINET.
4. DEMOLISH EXISTING FIRE ALARM ANNUNCIATOR. PROVIDE NEW FLUSH MOUNT ANNUNCIATOR AT SAME LOCATION. PROVIDE NEW CONDUIT AND WIRE FROM FIRE ALARM CONTROL PANEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. APPROXIMATE ROUTE OF NEW FIBER OPTIC CONDUITS/CABLES. VERIFY ACTUAL ROUTE WITH EXISTING CONDITIONS. REFER TO SITE PLAN ON FS100 FOR CONTINUATION.
6. DEMOLISH EXISTING FIRE ALARM CONTROL PANEL CIRCUIT COMPLETE BACK TO SOURCE. REMOVE CIRCUIT BREAKER LOCK AND PROVIDE NEW TYPED PANEL DIRECTORY.
7. PROVIDE NEW 120V/20A CIRCUIT FROM PANEL 9ES, CIRCUIT #17 (EXISTING SPARE CIRCUIT BREAKER). PROVIDE CIRCUIT BREAKER LOCK AND NEW TYPED PANEL DIRECTORY.

100% Construction Documents - For Construction

No	REVISION	DATE

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DRAWING TITLE: BUILDING 9 FIRE ALARM PLAN - BASEMENT AND FIRST FLOOR

APPROVED: PROJECT DIRECTOR DATE:

PROJECT TITLE: FIRE ALARM REPLACEMENT

DATE: 03.12.2013
PLOT SCALE: AS NOTED
PROJECT NO. 02213001
BUILDING No: AS NOTED
CHECKED BY: HHB
DRAWN: CAB
CAD FILE: XXX
LOCATION: ST. CLOUD VA MEDICAL CENTER ST. CLOUD, MN 56303
DRAWING NO. FA100-9

St. Cloud VA Health Care System
Brainerd | Montevideo | Alexandria

VA FORM 08-6231